



# Mathematics 2005, Grade 8

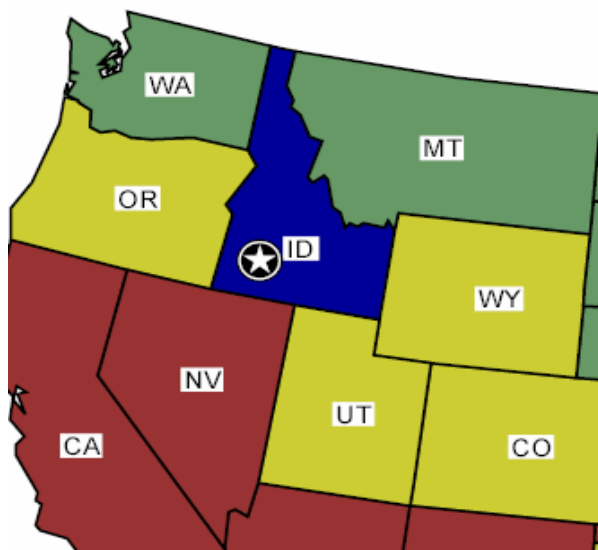
## Mathematics Composite

### Idaho NAEP Snapshot

Volume 2005, Number 12

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills in number properties & operations, measurement, geometry, data analysis & probability, and algebra. Math scores range from 0 to 500, where 262 is an eighth grade *Basic* performance, 299 is *Proficient*, and 333 is *Advanced*.

### Mathematics in the Northwest (Average Scale Score)



Legend: Idaho (blue) is the focal state. States in green scored significantly higher than Idaho. States in yellow were not statistically different from Idaho. States in red scored significantly lower than Idaho.

◆ In 2005, the average scale score for 8th grade students in Idaho was 281 for mathematics. This was higher than students across the nation (278).

◆ Idaho 8th graders had a higher average scale score on the 2005 mathematics assessment than their peers in Nevada.

◆ Idaho had an average scale score on the 2005 8th grade mathematics assessment that was not different from Oregon, Utah, and Wyoming.

◆ Idaho 8th graders had a lower average scale score on the 2005 mathematics assessment than their peers in Washington and Montana.

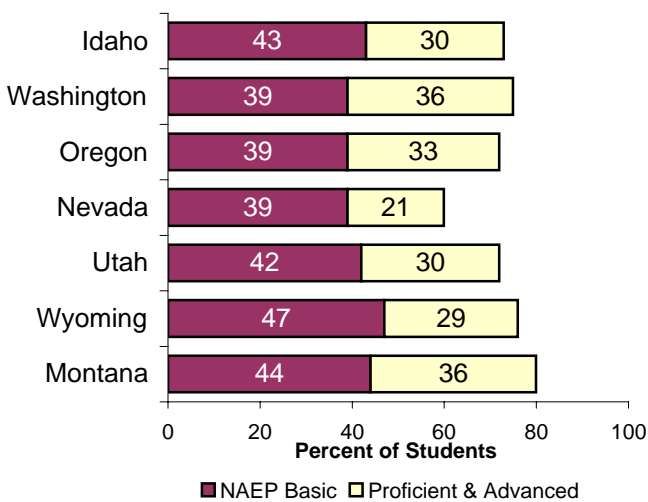
### Percentage of Students at NAEP Mathematics Achievement Levels

◆ Seventy-three (73) percent of Idaho 8th grade students scored at or above *Basic* on the 2005 mathematics assessment, which was higher than the nation's 68 percent.

◆ Idaho had a higher percentage of 8th graders scoring at or above *Basic* on the 2005 mathematics assessment than Nevada.

◆ The percentage of Idaho 8th graders scoring at or above *Basic* on the 2005 mathematics assessment was not significantly different from Washington, Oregon, Utah, and Wyoming.

◆ Idaho had a lower percentage of 8th graders scoring at or above *Basic* on the 2005 mathematics assessment than Montana.



Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.